2

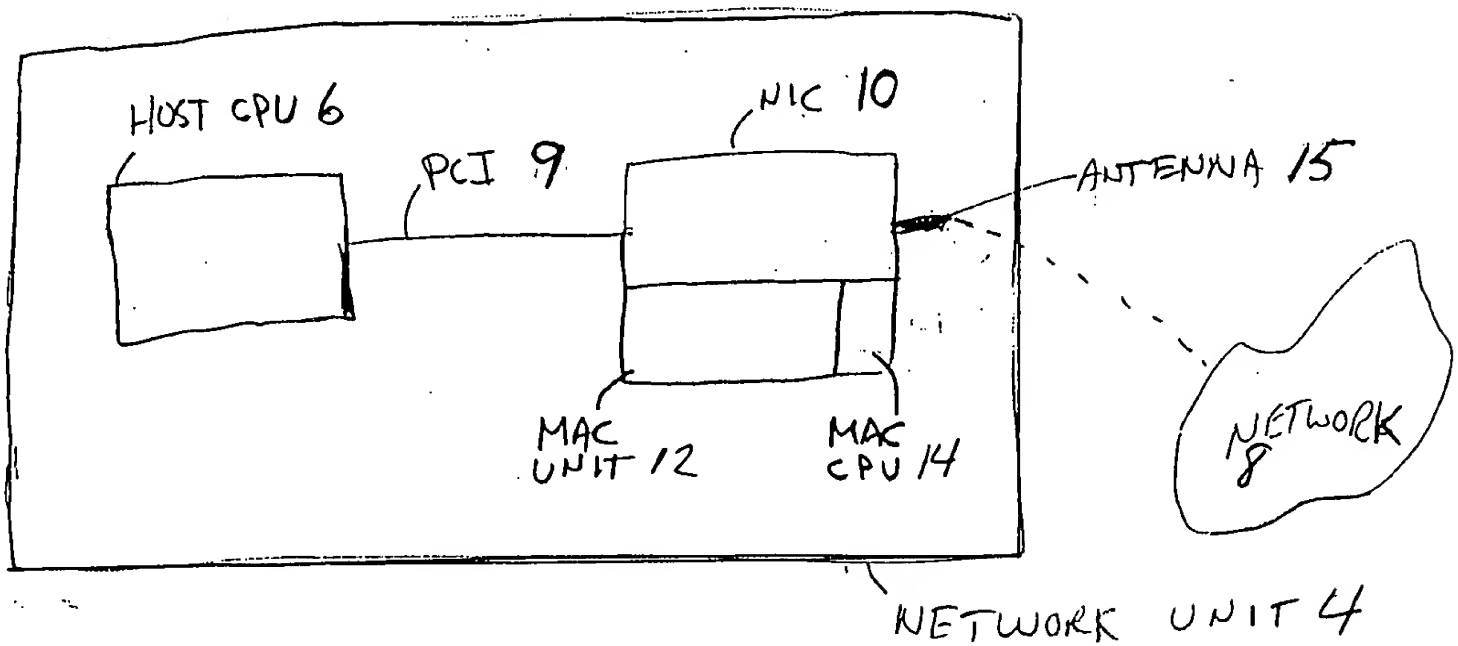
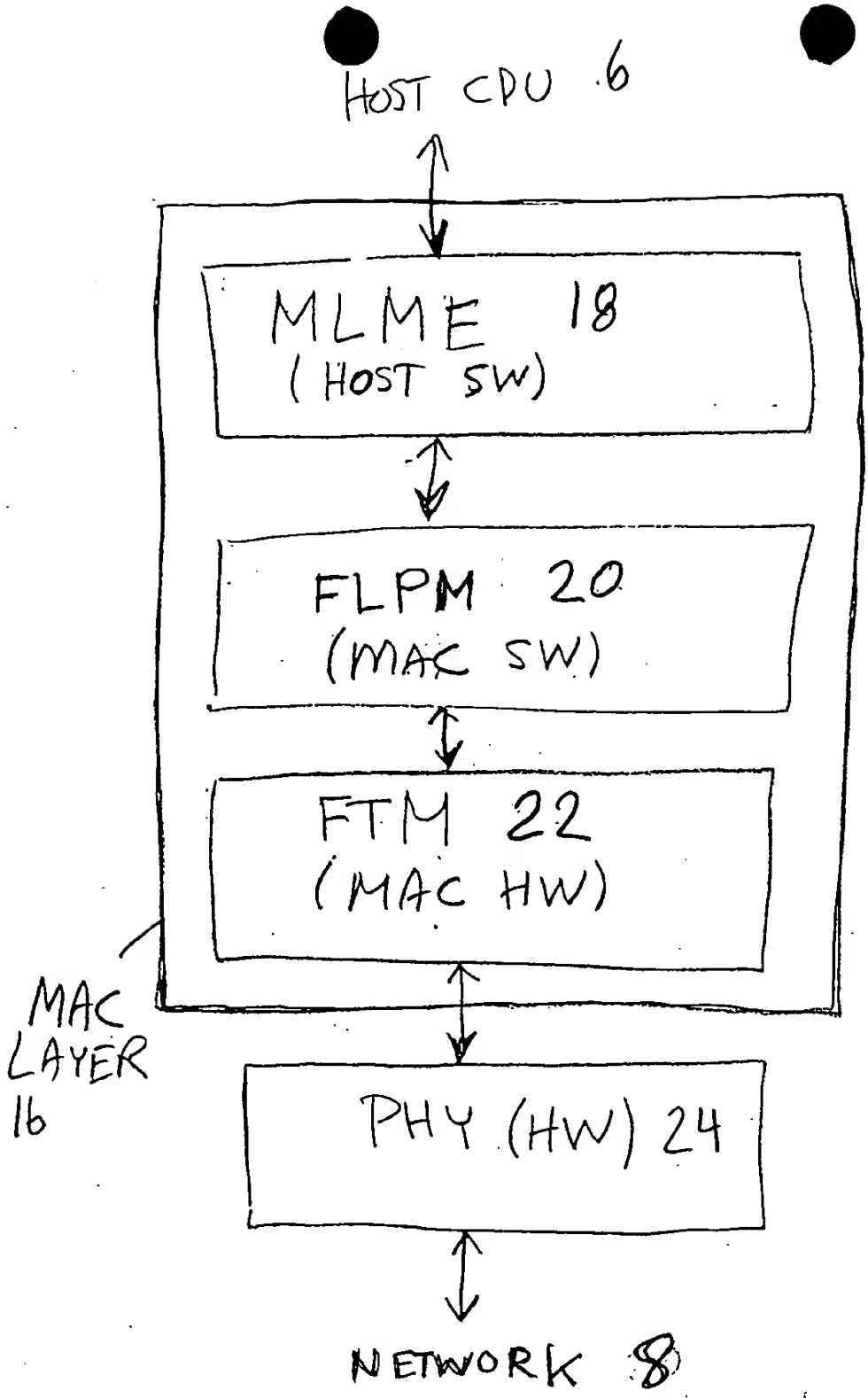


FIG. 1

PRIOR ART.



PRIOR ART

FIG. 2

DOCKET NO. 2960

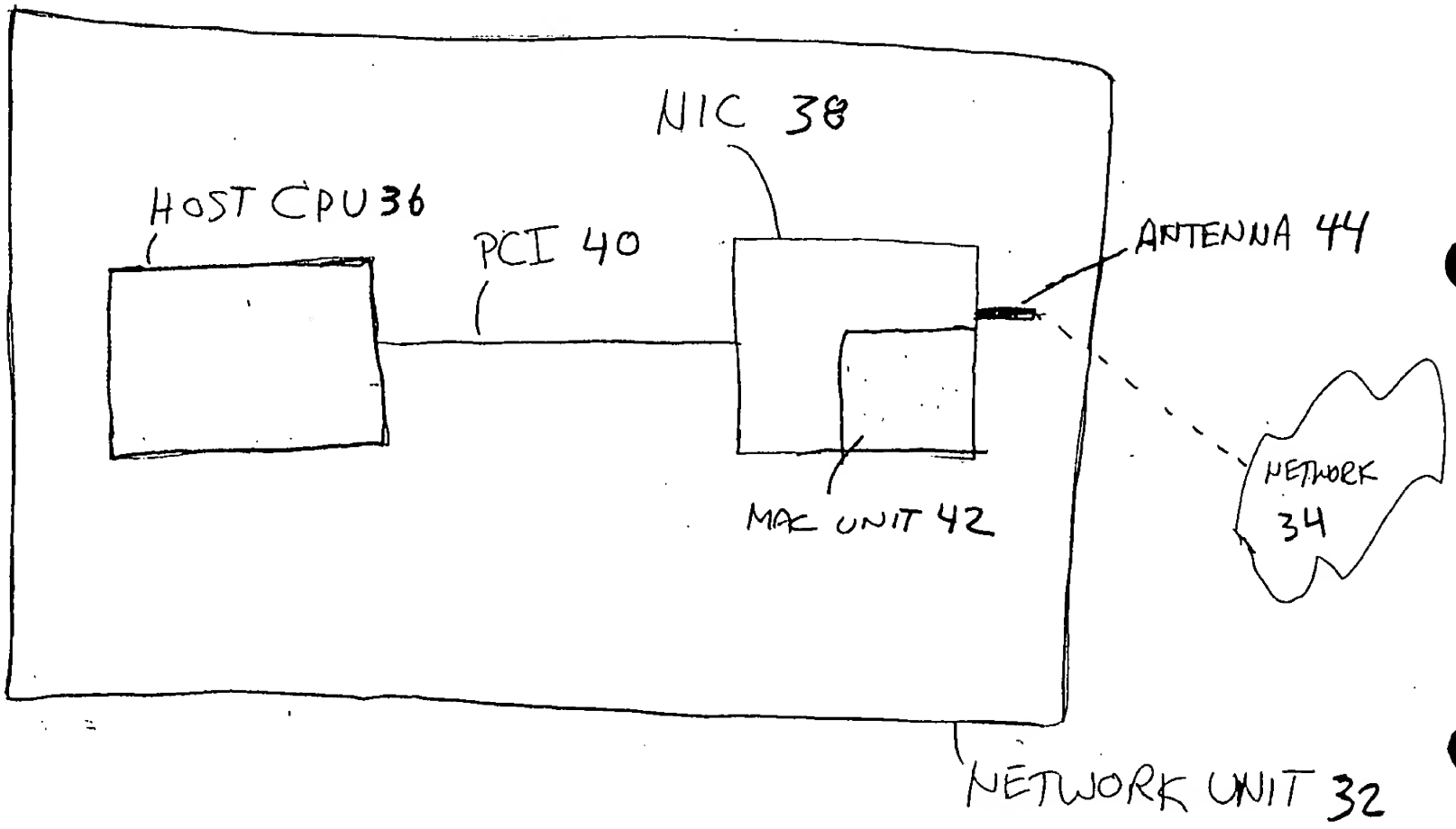


FIG. 3

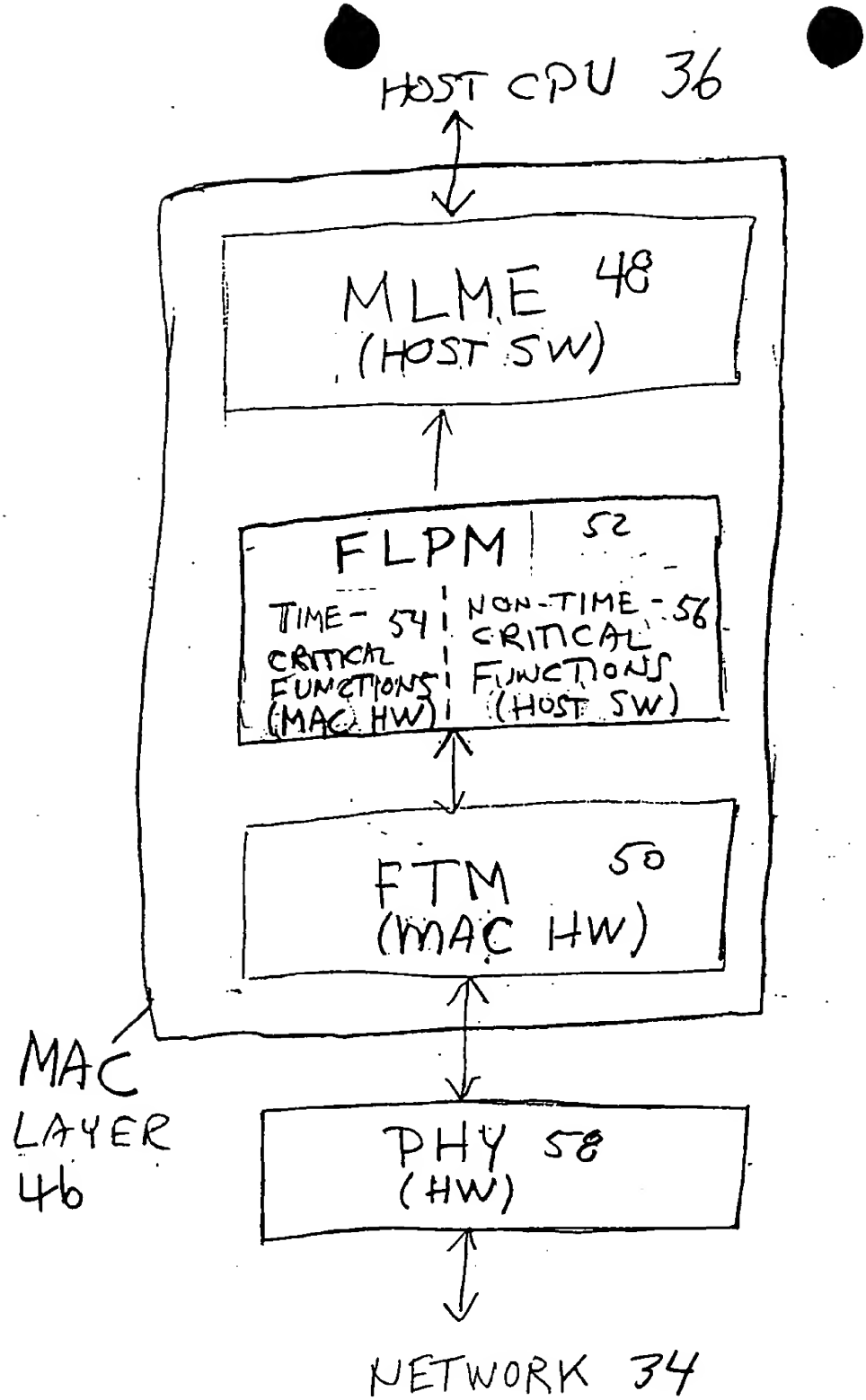
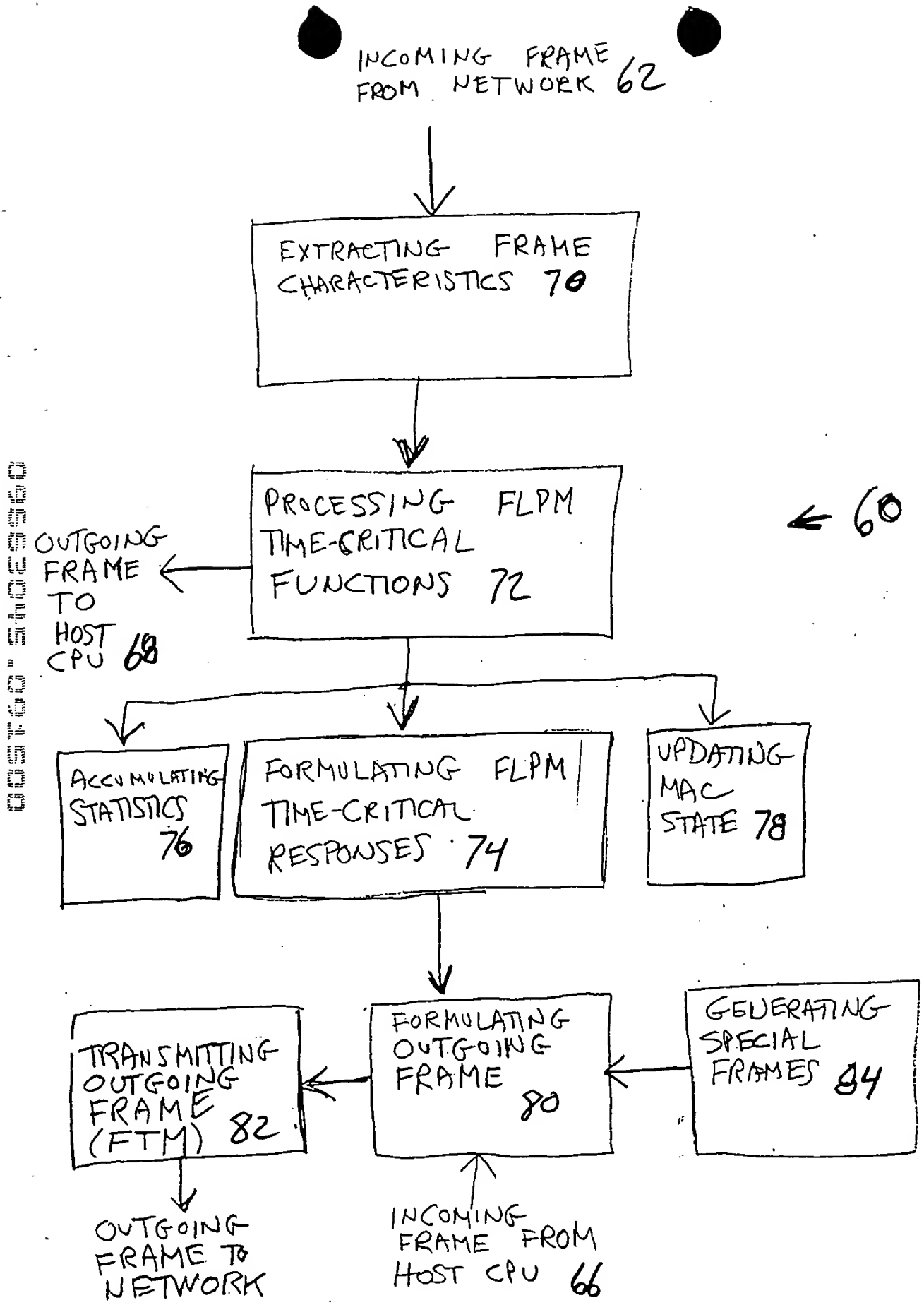

HOST CPU 36
MLME 48
(HOST SW)
FLPM 52
TIME-CRITICAL FUNCTIONS (MAC HW) 54
NON-TIME-CRITICAL FUNCTIONS (HOST SW) 56
FTM 50
(MAC HW)
MAC LAYER 46
PHY 58
(HW)
NETWORK 34

FIG. 4


INCOMING FRAME FROM NETWORK 62
EXTRACTING FRAME CHARACTERISTICS 70
PROCESSING FLPM TIME-CRITICAL FUNCTIONS 72
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OUTGOING FRAME TO HOST CPU 68
ACCUMULATING STATISTICS 76
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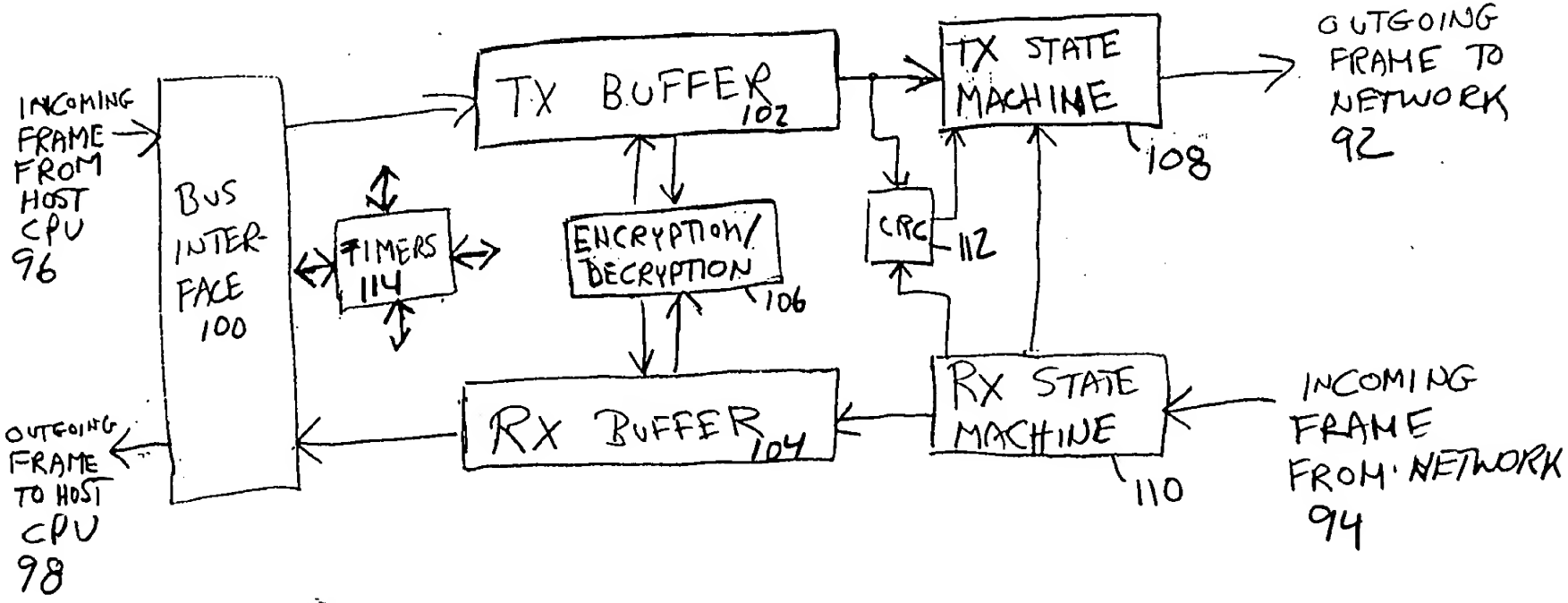
FORMULATING OUTGOING FRAME 80
GENERATING SPECIAL FRAMES 84
TRANSMITTING OUTGOING FRAME (FTM) 82
OUTGOING FRAME TO NETWORK 64
INCOMING FRAME FROM HOST CPU 66

FIG. 5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OUTGOING FRAME TO HOST CPU 98
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FIG. 6